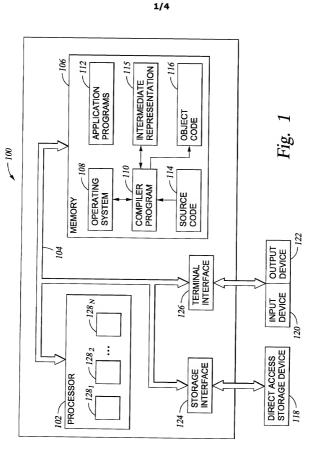
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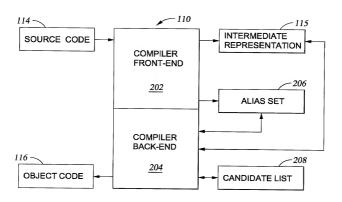


Fig. 2

```
-114
int* intPtr;
int proc1 ();
inline void proc2 (int* i) {
    (*i)++;
                      __ S3
int proc3 ()
                                                       Fig. 3
    int a:
    a= proc1 ();
                         ~ S1
    proc2 (&a);
                         - S2
    *intPtr = 1;
                          · S4
    return (a);
                         ~ S5
}
```

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```
-115
@S1 a = proc1 ();
CALL proc1 //Call procedure 'proc1'
STR a
             //Store return value into 'a'
@S2 proc2(a);
LDA a
             //Load address of 'a'
STR i
             //Store address of 'a' into inline parameter 'i'
@S3 (*i)++;
LOD i
             //Load 'i'
IND int*
             //Load integer value pointed to by 'i' (indirect load of 'a')
INC 1
             //Increment value
LOD i
             //Load 'i'
STO int*
             //Store increment integer value at location pointer to by 'i'
              (indirect store to 'a')
@S4 *intPtr = 1;
LOD 1
             //Load value 1
LOD intPtr //Load 'intPtr'
STO int*
             //Store 1 at location pointed to by 'intPtr'
@S5 return (a);
LOD a
             //Load 'a'
RET
             //Return
```

Fig. 4

```
-115
@S1 a = proc1 ();
CALL proc1 //Call procedure 'proc1'
             //Store return value into 'a'
STR a
@S3 (*i)++;
LOD a
            //Load 'a'
INC 1
            //Increment value
STR a
             //Store incremented value into 'a'
@S4 *intPtr = 1:
LOD 1
            //Load value 1
LOD intPtr //Load 'intPtr'
STO int*
            //Store 1 at location pointed to by 'intPtr'
@S5 return (a):
LOD a
            //Load 'a'
RET
            //Return
```

Fig. 6

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